



**Reference:** 10554279  
**Country Ref.:** 13-MY21Z16P-N1  
**EAN 13:** 8054803099527

#### CONTACT

Market information  
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Measuring systems cables according to Heidenhain standard for dynamic applications, PUR jacket, shielded, resistant to oils, flame retardant, halogen-free

#### STANDARDS

**Product** UL and CSA approval

#### NORMATIVE REFERENCES:

**UL-CSA approval**

**Oil resistance:**

IEC 50363-10-2

**Flame retardant:**

IEC 60332-1-2

FT1

UL 1581

EN 50265-2-1

## CHARACTERISTICS

### Construction characteristics

Conductor material	Tinned copper
Construction type	(4x2x0.14+4x0.5+(4x0.14)C)C
Insulation	TPE-E
Insulation colour	See Tab
Taping	Soft tape
Shielding	≥85% tinned copper braid coverage
Outer sheath	PUR
Sheath colour	Black
Halogen free	Yes

### Dimensional characteristics

Nominal outer diameter	8.3 mm
Copper content	75 kg/km



Halogen free  
Yes



Storage temperature, range  
-40 ... 80 °C



Operating temp.  
-30 ... 80 °C



Oil resistance  
EN 50363-10-2



Flame retardant  
IEC/EN 60332-1-2; FT1; UL 1581 FT1

<b>Dimensional characteristics</b>	
Approximate weight	75 kg/km
<b>Electrical characteristics</b>	
Rated Voltage U <sub>0</sub> /U	30 V
Test voltage	1500 V
<b>Mechanical characteristics</b>	
Maximum acceleration	20 m/s <sup>2</sup>
Bending cycles	5 Mio.
Speed	240 m/min
<b>Usage characteristics</b>	
Field of application	Dynamic
Minimum dynamic operating bending radius	10 (xD)
Storage temperature, range	-40 ... 80 °C
Operating temperature, range	-30 ... 80 °C
Oil resistance	EN 50363-10-2
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1



Halogen free  
Yes



Storage temperature, range  
-40 ... 80 °C



Operating temp.  
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Oil resistance  
EN 50363-10-2



Flame retardant  
IEC/EN 60332-1-2; FT1; UL 1581 FT1